| In | das | of | Cla  | ims |
|----|-----|----|------|-----|
| ın | mei |    | Lile | um  |



Application/Control No.

10/695,711

Examiner

Reexamination

Applicant(s)/Patent under

TIAN ET AL.

Art Unit

Agustin Bello

2613

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

**Appeal** Α

Interference

0 Objected

| Cla           | Date   |  |          |              |          |          |             |          |              |          |
|---------------|--|--|----------|--------------|----------|----------|-------------|----------|--------------|----------|
| Final         | Original                                     | 11/11/07                               |          |              |          |          |             |          |              |          |
|               |  | 1                                      |          |              |          |          |             |          |              |          |
|               | _1_  | ٧.                                     |          |              |          | _        |             |          | L            |          |
|               | 1<br>2<br>3<br>4<br>5                        | 1                                      |          | ·            |          |          |             |          |              | $\Box$   |
|               | 3  | ٧                                      |          |              |          |          |             |          |              |          |
|               | 4  | 1                                      |          |              |          |          |             |          |              |          |
|               | 5  | 1                                      |          |              |          |          |             |          |              |          |
|               | 6  | 1                                      |          |              |          |          |             |          |              |          |
|               | 7  | 1                                      |          |              |          |          |             |          |              |          |
|               | 8  | V                                      |          |              |          |          |             |          |              |          |
|               |  | V                                      |          |              |          |          |             |          |              |          |
|               | 10   | 1                                      |          |              |          |          |             |          |              |          |
|               | -11  | 1                                      |          |              |          |          |             |          |              |          |
|               | 12   | 1                                      |          |              |          |          |             |          |              |          |
|               | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | ファファファファファファファファファファファファファファファファファファファ |          | Г            |          |          |             |          | Г            | П        |
|               | 14   | √.                                     |          | _            |          |          |             |          |              |          |
|               | 15   | 1                                      |          |              |          |          | _           |          |              |          |
|               | 16   | V                                      |          | $\vdash$     |          |          | ┢           | _        |              | Ħ        |
| <u> </u>      | 17   | Ì                                      | _        | -            |          |          |             |          | <u> </u>     | -        |
| <del></del>   | 18   | j                                      | -        | ├─           | $\vdash$ |          | $\vdash$    |          | -            | Н        |
| <u> </u>      | 18<br>19<br>20                               | 1                                      | -        | $\vdash$     |          |          |             |          | -            | Н        |
|               | 20   | 1                                      | -        | _            |          |          |             |          | -            |          |
|               | 21   | 1                                      | -        | <del> </del> |          |          | -           | _        | $\vdash$     |          |
|               | 21<br>22                                     | V<br>J                                 |          | ⊢            |          | -        | $\vdash$    |          | H            | Н        |
|               | 22   | N<br>J                                 |          | ├            | -        | $\vdash$ | ├           | $\vdash$ |              | Н        |
|               | 23<br>24<br>25                               | V<br>J                                 |          | <u> </u>     |          | ⊢        | <u> </u>    | H        | <u> </u>     |          |
| <u> </u>      | 24   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  |          | $\vdash$     | -        | <u> </u> | _           |          | _            | H        |
| <u> </u>      | 25   | 7                                      | _        | <u> </u>     | -        | -        |             |          | <u> </u>     | $\vdash$ |
| <u> </u>      | 26<br>27<br>28<br>29                         | V                                      | <u> </u> | ├            | <u> </u> | <u> </u> | _           |          | <del> </del> | Н        |
| <b>└</b>      | 27   | 7 7 7 7 7 7 7                          |          | <u> </u>     | L        | <u> </u> |             |          | ļ            |          |
| <u> </u>      | 28   | I V                                    |          | <u> </u>     | <u> </u> | L        |             |          | <u> </u>     | $\vdash$ |
|               | 29   | 1                                      | <u> </u> | <u> </u>     | <u> </u> | ļ        |             | <u> </u> | <u> </u>     | Ш        |
|               | 30<br>31                                     | ١٧                                     | ·        | _            |          |          |             | ļ        | <u> </u>     | H        |
|               | 31   | 1                                      | <u> </u> |              |          |          |             | ļ        | ļ            |          |
|               | 32<br>33                                     | V                                      | _        | <u> </u>     |          | _        |             |          | _            | Ш        |
|               | 33   | ٧                                      | _        |              | <u>.</u> |          |             | _        | _            | Ш        |
|               | 34   | Ŋ                                      | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u>    |          | ⊢            | <b></b>  |
|               | 35   | 1                                      | <u> </u> | <u> </u>     |          | <u> </u> | <u> </u>    | <u> </u> | <u> </u>     | L.,      |
|               | 36   | ١                                      | _        |              | <u> </u> | _        | <u> </u>    | _        | <u> </u>     | <b> </b> |
| L             | 37   | 1                                      | _        | <u> </u>     | <u> </u> |          | <u> </u>    | _        | <u> </u>     |          |
| <u>L</u> .    | 38<br>39                                     | 1                                      |          | <u> </u>     | _        |          | <u> </u>    |          | <u> </u>     |          |
|               |  |  |          |              |          |          | <u> </u>    | _        | <u></u>      |          |
|               | 40   | V                                      | <u> </u> | <u> </u>     | <u> </u> | L        |             | _        | _            | Ш        |
| <u>L</u> .    | 41   | ٧                                      | _        | <u> </u>     |          | L_       | _           | <u> </u> | <u> </u>     | Ш        |
|               | 42   | ٧                                      | <u> </u> | <u> </u>     |          | <u> </u> | <b>!</b>    | <u> </u> | _            | Ц        |
|               | 43   | ٧                                      | L        | L_           | _        |          | <u>_</u>    |          | <u> </u>     | Ш        |
|               | 44   | 1                                      |          |              |          |          |             |          |              |          |
|               | 45   | ٧                                      | Ĺ        | ·            | L        | L        |             | L        |              |          |
|               | 46   | 1                                      |          |              |          |          |             | L        |              |          |
|               | 47   |  |          |              |          |          |             |          |              |          |
|               | 48   | Π                                      |          |              |          |          |             |          |              |          |
|               | 49   |  |          |              |          |          |             |          |              |          |
|               | 50   | 1                                      |          |              |          |          |             |          |              |          |
| $\overline{}$ |  | _                                      |          | ч—           | _        |          | <del></del> |          | _            |          |

| Cla      | im             |          |                  |          |           | Date                                | •   |                    |                    |          |
|----------|----------------|----------|------------------|----------|-----------|-------------------------------------|---|--------------------|--------------------|----------|
|          |                |          |                  |          |           |                                     |   |                    |                    |          |
| Final    | Original       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 51<br>52       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 52             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 53             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 54             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 54<br>55       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 56             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 57             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 58             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 59             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 60             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 61             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 62             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 63             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 64<br>65       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 65             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 66             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 66<br>67       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 68             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 69             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 70             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 71             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 72             |          |                  |          |           | _                                   |   |                    |                    |          |
|          | 71<br>72<br>73 |          |                  |          |           |                                     |   |                    | П                  |          |
|          | 74             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 74<br>75       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 76             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 77<br>78       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 78             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 79             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 80             |          |                  |          |           |                                     |   |                    |                    |          |
|          | 81             |          |                  |          |           |                                     | L   |                    |                    |          |
|          | 82<br>83       |          |                  |          |           |                                     |   |                    |                    |          |
|          | 83             |          |                  |          | <u> </u>  |                                     | _   | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ |          |
|          | 84             | <u> </u> | $ldsymbol{oxed}$ |          | _         | L                                   | _   | _                  |                    |          |
|          | 85             |          |                  |          |           | <u> </u>                            |   |                    |                    |          |
|          | 86             | L.       | <u> </u>         |          |           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$  |                    |                    | L        |
| <u></u>  | 87             |          | <u> </u>         |          | <u> </u>  | $oxed{oxed}$                        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | _                  | <u>L</u>           | L        |
|          | 88             |          |                  | <u> </u> | <u> </u>  | $oxed{oxed}$                        | $oxed{oxed}$  | <u> </u>           | _                  |          |
| <u> </u> | 89             |          |                  |          | <u> </u>  |                                     | <u> </u>  | <u> </u>           | $\Box$             | L.       |
|          | 90             |          |                  | L        | <u> -</u> | <u> </u>                            | _   | <u> </u>           | <u> </u>           | <u> </u> |
|          | 91             | <u></u>  | _                |          | <u> </u>  | <u> </u>                            |   | <u> </u>           | L                  | L.       |
| L        | 92             | <u> </u> |                  |          | <u> </u>  | _                                   | <u> </u>  | <u> </u>           | ļ                  | Ш.       |
|          | 93             |          | <u> </u>         |          | <u> </u>  | _                                   | $ldsymbol{ld}}}}}}}}}$ | <u> </u>           | <u> </u>           | L.       |
| L        | 94             |          |                  |          | <u> </u>  | <u>L</u>                            | <u> </u>  | <u> </u>           | <u>L</u>           | L.,      |
| <u></u>  | 95             |          |                  |          | <u> </u>  | <u> </u>                            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$  | <u> </u>           | L                  | L        |
| <u> </u> | 96             |          | <u> </u>         | L_       | L         |                                     |   | <u> </u>           | <u> </u>           | <u> </u> |
|          | 97             | _        | <u> </u>         |          |           |                                     | L   | <u> </u>           | <u> </u>           | L.       |
|          | 98             | <u> </u> | <u> </u>         | <u> </u> | <u> </u>  |                                     |   |                    |                    | L        |
|          | 99             | _        | Ŀ                |          | <u> </u>  | L                                   |   | _                  | _                  | <u> </u> |
| 1        | 1400           |          |                  |          |           |                                     | 1   |                    |                    |          |

| Claim    |  | Date     |          |  |          |  |  |          |              |                 |
|----------|--|----------|----------|--|----------|--|--|----------|--------------|-----------------|
| Final    | Original   |          |          |  |          |  |  |          |              |                 |
|          | 101<br>102   |          |          |  |          | _  |  |          |              | •               |
|          | 102  |          |          |  |          |  |  |          |              |                 |
|          | 103<br>104<br>105                                    |          |          |  |          |  |  |          |              |                 |
|          | 104  |          |          |  |          |  |  |          |              | Ш               |
|          | 105  |          |          | L.,  |          |  |  |          |              | _               |
|          | 106<br>107   |          |          |  | _        |  |  |          |              |                 |
|          | 107  |          |          | H  | <u> </u> |  | _  |          | _            |                 |
|          | 100  |          | H        | ⊢  | _        |  | -  | _        |              | $\dashv$        |
|          | 110  |          |          |  |          |  |  |          |              | $\vdash$        |
|          | 111  |          |          | <u> </u>   |          |  |  |          |              | Н               |
|          | 112  |          |          |  |          |  | _  |          | $\vdash$     | $\dashv$        |
|          | 113  |          |          |  | · ·      |  |  | <b></b>  |              | П               |
|          | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116 |          |          |  |          |  |  |          |              |                 |
|          | 115  |          |          |  |          |  |  |          |              |                 |
|          | 116  |          |          | <u> </u>   |          |  |  |          |              | Ш               |
|          | 117<br>118   |          | _        | ļ  | L        |  |  |          | _            | Ш               |
|          | 118  |          | <u> </u> | _  |          | _  |  |          |              | Ш               |
|          | 119  | <u> </u> | <u> </u> |  |          |  | _  |          |              | Н               |
|          | 120  | -        | <u> </u> |  |          |  | _  |          | -            | Н               |
|          | 120<br>121<br>122                                    | ┝        | $\vdash$ |  | _        |  |  |          | $\vdash$     | Н               |
|          | 123  |          |          |  |          | -  | Н  | -        | $\vdash$     | H               |
|          | 124  |          |          |  |          |  |  | <u> </u> | ┢─           | $\dashv$        |
|          | 125  |          |          |  | <u></u>  |  |  |          |              | $\vdash$        |
|          | 126  |          |          |  |          |  |  |          |              |                 |
|          | 127  |          |          |  |          |  |  |          |              |                 |
|          | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | <u> </u> |          |  |          |  |  | L        | _            |                 |
|          | 129  | _        | L        |  |          | _  | _  |          |              |                 |
|          | 130  |          | <u> </u> | <u> </u>   |          | _  |  | _        | _            | Ш               |
|          | 131<br>132   | $\vdash$ | $\vdash$ | -  | ├-       | ├  | $\vdash$   | _        |              | <u> </u>        |
|          | 133  | -        | $\vdash$ | $\vdash$   | $\vdash$ | <del>                                     </del> | <del> </del>                                     | -        | _            | $\vdash$        |
|          | 134  | $\vdash$ | ┢        | $\vdash$   |          | -  |  | -        | <del> </del> | $\vdash \vdash$ |
|          | 134<br>135   |          |          |  | Г        | $\vdash$   |  | $\vdash$ |              |                 |
|          | 136  |          |          |  |          |  |  |          |              |                 |
|          | 137  |          |          |  |          |  |  |          |              |                 |
|          | 138  |          |          |  |          |  |  |          | $\Box$       |                 |
|          | 139  |          | _        | ļ  |          |  |  | <u> </u> | L            | Ш               |
|          | 140  | ļ        |          | <u> </u>   | <u> </u> | _  | <u> </u>   | $\vdash$ | $\vdash$     | Щ               |
|          | 141  |          | <u> </u> | <del> </del>                                     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | ├            | ┝╌┤             |
|          | 142<br>143   | $\vdash$ | <u> </u> |  | -        |  | $\vdash$   | $\vdash$ | ⊢            | $\vdash \dashv$ |
|          | 144  | $\vdash$ |          |  | ├-       | $\vdash$   | $\vdash$   |          | $\vdash$     | $\vdash \vdash$ |
|          | 145  | -        | -        | $\vdash$   | -        | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$        |
| <u> </u> | 146  |          |          | <del>                                     </del> | -        | H  | $\vdash$   |          | $\vdash$     | $\Box$          |
|          | 147  |          | <u> </u> |  |          | F  | Г  |          |              |                 |
|          | 148  |          |          |  | Ĺ        |  |  | L        |              |                 |
|          | 149  |          |          |  |          |  |  |          |              |                 |
|          | 150  |          |          |  |          | <u> </u>   |  |          |              | Ш               |